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| **chemical-reactions** | **Chemistry** | **شعار-القسم** |
| Worksheet-6- |
| Reactivity Series(1) |

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| Name: Class: 8 /……........ | |
| Book pages: | |
| 22/12/2011 | Date: |
| 8.13.1 | Core Standard number |
| *Sts. able to :*  ***Know*** *the reactions of common metals(* Ca, Mg, Fe, Na *) with air, oxygen, and deduce their reactivity order* . | Learning Objectives  Logo + text 2 |

1. Write the general equation of the reaction of metals with oxygen

Metal + oxygen 🡪 metal oxide

1. Examples

Magnesium + oxygen 🡪 magnesium oxide

Copper + oxygen 🡪 copper oxide

1. Compare the order of reactivity of calcium ( Ca ), magnesium ( Mg ), iron ( Fe ) and sodium ( Na ) with oxygen.

Na > Ca > Mg > Fe

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Reactivity increase

Ca

Na

Mg

Fe